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Attorney Docket No.: GC687-3	Serial No.: 09/922,501
Applicant: V.A. Dartois et al.	JUN 17 2002
Filing Date: August 3, 2001	Group: 1645/1652
Page 1 of 1	Date of this Submission: June 4, 2002

US PATENT DOCUMENTS

Examiner's	Document				Sub-	Filing
Initial	Number	Date	Name	Class	Class	Date
BD	*6,022,719	02/08/00	Hubbs	435	138	08/27/98
BP	*5,989,891	11/23/99	Liaw et al.	435	244	07/11/97
BP	*5,912,161	06/15/99	Lazarus et al.	435	252.3	11/14/96
BP	*5,032,514	07/16/91	Anderson et al.	435	138	08/08/88
BP	*4,757,012	07/12/88	Estell et al.	435	172.3	06/14/84
BT	*5,958,672	09/28/99	Short	435	4	06/03/96
BU	*5,783,431	07/21/98	Peterson et al.	435	172.3	10/24/96

FOREIGN PATENT DOCUMENTS

Examiner's	Document				Sub-	Translation
Initials	Number	Date	Country	Class	Class	Yes/No
BU	*WO 00/22170	04/20/00	PCT (omitted sequence listing)	C12Q	1/68	on other 1448

OTHER DOCUMENTS

Examiner's	
Initials	Author, Title, Date, Pertinent Pages, etc.
CP	Eroshkin et al., "Algorithm and computer program Pro_Anal for analysis of relationship between structure and activity in a family of proteins or peptides," <i>Comput. Appl. Biosci.</i> , Vol. 9, pp. 491-497, 1993
CP	*Hamilton et al., "New Method for Generating Deletions and Gene Replacements," <i>J. Bacteriol.</i> , Vol. 171, No. 9, pp. 4617-4622, 1989
CP	Higgins, D., "Clustal V: Multiple Alignment of DNA and Protein Sequences," <i>Methods Mol. Biol.</i> , Vol. 25, pp. 307-318, 1994
CP	Huse et al., "Generation of a Large combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> , Vol. 246, pp. 1275-1281, 1989
CP	Imaten et al., "Prediction of epitopes and production of monoclonal antibodies against gastric H,K-ATPase," <i>Protein Eng.</i> , Vol. 11, No. 10, pp. 949-955, 1998
CP	*Lemer et al., "Low copy number plasmids for regulated low-level expression of cloned genes in <i>Escherichia coli</i> with blue/white insert screening capability," <i>Nucleic Acids Res.</i> , Vol. 18, No. 15, pp. 4631, 1990
CP	Savoie et al., "Use of BONSAI decision trees for the identification of potential MHC Class I peptide epitope motifs," <i>Pac Symp. Biocomput.</i> , 1999, 182-189
CP	*Streicher et al., "Transduction of the Nitrogen fixation genes in <i>Klebsiella pneumoniae</i> ," <i>Proc. Natl. Acad. Sci.</i> , Vol. 68, pp. 1174-1177, 1971
CP	*Swanson et al., "Characterization of the 2-ketogluconate utilization operon in <i>Pseudomonas aeruginosa</i> PA01," <i>molecular microbiology</i> , 37(3):561-575 (2000)
CP	Ward et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , Vol. 341, pp. 544-546, 1989
CP	Winter and Harris, "Humanized antibodies," <i>Immunol. Today</i> , Vol. 14, pp. 243-246, 1993

Examiner	Date Considered

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Page 2 of 2	Date of this Submission: January 3, 2003

US PATENT DOCUMENTS

Examiner's	Document				Sub-	Filing
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FOREIGN PATENT DOCUMENTS

Examiner's	Document				Sub-	Translation
Initials	Number	Date	Country	Class	Class	Yes/No

OTHER DOCUMENTS

Examiner's	
Initials	Author, Title, Date, Pertinent Pages, etc.
CH	*Eroshkin et al., "Algorithm and computer program Pro_Anal for analysis of relationship between structure and activity in a family of proteins or peptides," <i>Comput. Appl. Biosci.</i> , Vol. 9, pp. 491-497, 1993
CH	*Hamilton et al., "New Method for Generating Deletions and Gene Replacements," <i>J. Bacteriol.</i> , Vol. 171, No. 9, pp. 4617-4622, 1989
CH	*Higgins, D., "Clustal V: Multiple Alignment of DNA and Protein Sequences," <i>Methods Mol. Biol.</i> , Vol. 25, pp. 307-318, 1994
CH	Hamood et al., <i>Pseudomonas aeruginosa</i> PtxR (ptxR) and PtxS genes, complete cds and ketogluconate utilization operon gene, complete sequence", Database accession no. AF012100 XP002204795
CH	*Huse et al., "Geneation of a Large combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda," <i>Science</i> , Vol. 246, pp. 1275-1281, 1989
CH	*Imaten et al., "Prediction of epitopes and production of monoclonal antibodies against gastric H,K-ATPase," <i>Protein Eng.</i> , Vol. 11, No. 10, pp. 949-955, 1998
CH	Izu, et al., "Characterization of the gntT gene encoding aq high-affinity gluconate permease in <i>Escherichia coli</i> ," <i>Gene</i> 199 (1997) pp.203-210
CH	Klemm, et al., "The gntP Gene of <i>Escherichia coli</i> Involved in Gluconate Uptake," <i>J. of Bacteriology</i> , Jan 1996, p. 61-67, V178 (1)
CH	Kramer, R., « Genetic and physiological approaches for the production of amino acids », J. of Biotechnology, Elsevier Science Publishers, Amsterdam, NL, V.45(1), February 12, 1996, pp.1-21
CH	Pao et al., « Major facilitator superfamily, » <i>Microbiology and Molecular Biology Reviews</i> , V.62(1), March, 1998, pp.1-34
CH	*Lerner et al., "Low copy number plasmids for regulated low-level expression of cloned genes in <i>Escherichia coli</i> with blue/white insert screening capability," <i>Nucleic Acids Res.</i> , Vol. 18, No. 15, pp. 4631, 1990
CH	Peekhaus, et al., "Characterization of a novel transporter family that includes multiple <i>Escherichia coli</i> gluconate transporters and their homologues, <i>Fems Microbiology Letters</i> , V. 147(2), 1997, pp. 233-238
CH	Saito, et al. "Direct fermentation of 2-Keto-L-gulonic acid in recombinant <i>Gluconobacter oxydans</i> ," <i>Biotechnology and Bioengineering</i> , V. 58(2-3), April 20, 1998, pp.309-315
CH	*Savoie et al., "Use of BONSAI decision trees for the identification of potential MHC Class I peptide epitope motifs," <i>Pac Symp. Biocomput.</i> , 1999:182-189, 1999
CH	*Streicher et al., "Transduction of the Nitrogen-fixation genes in <i>Klebsiella pneumoniae</i> ," <i>Proc. Natl. Acad. Sci.</i> , Vol. 68, pp. 1174-1177, 1971
CH	*Swanson et al., "Characterization of the 2-ketogluconate utilization operon in <i>Pseudomonas aeruginosa</i> PA01," <i>molecular microbiology</i> , 37(3):561-575 (2000)
CH	*Ward et al., "Binding activities of a repertoire of single immunoglobulin variable domains secreted from <i>Escherichia coli</i> ," <i>Nature</i> , Vol. 341, pp. 544-546, 1989
CH	*Winter and Harris, "Humanized antibodies," <i>Immunol. Today</i> , Vol. 14, pp. 243-246, 1993
CH	Yew, et al., « Utilization of L-ascorbate by <i>Escherichia coli</i> K-12: Assignments of functions to products of the yjf-sga and yia-sgb operons, » <i>J. of Bacteriology</i> , V. 184 (1), January 2002, pp. 302-306
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CH/MS	7/24/03
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